



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS AIR FORCE CIVIL ENGINEER SUPPORT AGENCY

JAN 5 2000

FROM: HQ AFCESA/CES  
139 Barnes Drive Suite 1  
Tyndall AFB FL 32403-5319

SUBJECT: **Engineering Technical Letter (ETL) 00-1: EPA Guideline Items  
in Construction and Other Civil Engineering Specifications**

**1. Purpose.** This ETL ensures Air Force civil engineer specifications comply with public law, Executive Order, and Air Force policy. It supersedes ETL 94-7, 14 Dec 1994.

**2. Application:** All Air Force civil engineer specifications.

**2.1. Authority:**

- *The Resource Conservation and Recovery Act*, section 6002 (42 U.S.C. 6962)
- Executive Order 13101, *Greening the Government through Waste Prevention, Recycling, and Federal Acquisition*
- Title 40, Code of Federal Regulations (CFR), Part 247, *Comprehensive Procurement Guideline for Products Containing Recovered Materials*
- AFI 32-7080, *Pollution Prevention Program* (will be revised as *Compliance Assurance and Pollution Prevention*)

**2.2. Effective Date:** Immediately.

**3. References.**

**3.1.** Executive Order 13101, *Greening the Government through Waste Prevention, Recycling, and Federal Acquisition*, September 14, 1998.

**3.2.** Environmental Protection Agency (EPA) Publication EPA530-B-98-007, *Resources About Buying Recycled Products*, September 1998.

**3.3.** Air Force Center for Environmental Excellence (AFCEE) *Guide to Green Purchasing* (available at <http://www.afcee.brooks.af.mil/EQ/ap/ap-guide.pdf>).

**4. Specific Requirements.** Requirements of this ETL are mandatory unless otherwise stated.

**4.1. EPA Guideline Items.**

**4.1.1.** Include EPA guideline items, which contain recycled and/or recovered material in the amounts recommended by EPA, in Air Force civil engineer specifications unless the product:

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- does not meet appropriate performance standards;
- is not available competitively (from two or more sources);
- is not available within a reasonable time frame;
- is only available at an unreasonable price (costs more than a comparable non-recycled product).

#### 4.1.2. EPA guideline items currently include:

##### **Paper and Paper Products**

- printing and writing paper
- newsprint
- commercial sanitary tissue products
- paperboard and packaging products
- miscellaneous papers

##### **Vehicular Products**

- engine coolants
- re-refined lubricating oils
- retread tires

##### **Construction Products**

- building insulation products
- carpet
- cement and concrete containing fly ash
- cement and concrete containing ground granulated blast furnace slag
- consolidated and reprocessed latex paint
- floor tiles (heavy duty or commercial)
- laminated paperboard
- patio blocks
- shower and restroom dividers/partitions
- structural fiberboard
- carpet cushion
- flowable fill
- railroad grade crossings/surfaces

##### **Miscellaneous Products**

- pallets
- sorbents
- awards and plaques
- industrial drums
- mats
- signage
- strapping and stretch wrap

##### **Transportation Products**

- channelizers
- delineators
- flexible delineators
- parking stops
- traffic barricades
- traffic cones

##### **Landscaping Products**

- garden and soaker hoses
- hydraulic mulch
- lawn and garden edging
- yard trimmings compost
- food waste compost
- landscaping timbers and posts (plastic lumber)

##### **Non-Paper Office Products**

- binders (paper, plastic covered)
- office recycling containers
- office waste receptacles
- plastic desktop accessories
- plastic envelopes
- plastic trash bags
- printer ribbons
- toner cartridges
- binders (solid plastic)
- plastic clipboards
- plastic clip portfolios
- plastic file folders
- plastic presentation folders

##### **Park and Recreation Products**

- plastic fencing (used for erosion control or as a safety barrier at construction sites)
- playground surfaces
- running tracks
- park and recreational furniture
- playground equipment

**4.1.3.** EPA periodically adds products to their list of guideline items. Include future guideline items in civil engineer specifications as they are designated by the EPA.

**4.2.** Other Products Containing Recycled/Recovered Material. Although EPA formally designates products for affirmative procurement in their list of guideline items, this list is not all-inclusive of the recycled-content products that are available in the marketplace. Project managers should look for opportunities to maximize the use of products containing recycled/recovered material in every construction project (including new construction, addition, renovation, or repair projects) and every service contract.

**4.3.** Other Environmentally Preferable Products. EPA is required by EO 13101 to develop guidance on acquisition of environmentally preferable products and services, and to share information from pilot projects. EPA's Environmentally Preferable Purchasing (EPP) Program web site (<http://www.epa.gov/opptintr/epp>) is the clearinghouse for this information. Project managers should use these resources and look for opportunities to use biobased products, energy efficient products, and other products determined to be environmentally preferable in every construction project (including new construction, addition, renovation, or repair projects) and every service contract.

**5. Point of Contact:** Ms. Karen Kivela, HQ AFCEE/EQT, DSN 240-4191, commercial (210) 536-4191, email [karen.kivela@hqafcee.brooks.af.mil](mailto:karen.kivela@hqafcee.brooks.af.mil).

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Director of Technical Support

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